

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 16:53:53
 Date of Next Testing: 2027-11-11 16:53:53
 Product Name: **Spermine**
 CAS Number: 71-44-3
 Specifications & Purity: Moligand™, for cell culture, ≥98%(GC)
 Lot #: K2510581
 SKU #: **S113079**
 Version: **0**
 Analysis #: **600326**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.18600 %
Appearance (S113079)	clear or white amorphous semisolid	clear or white amorphous semisolid
Cell Culture Test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , clear colorless ,50 mg/ml in water	pass	Pass



John Su
QA & QC Manager